

2002 FACT SHEET

FERMILAB SUMMER INTERNSHIPS IN SCIENCE AND TECHNOLOGY FOR MINORITY STUDENTS

Fermilab selects approximately fifteen college students to participate in the Summer Internships in Science and Technology (SIST) program each year to help us develop a fuller understanding of the fundamental properties of matter. This internship program has been developed to familiarize minority students with opportunities at the frontier of scientific research and to provide experiences supportive of their choice of science as a career. The students we target are the historically underrepresented minorities in science: Hispanic, African-American and Native American.

Candidates for the 2002 summer program should apply during the winter of 2001/02. The SIST Committee, consisting of Fermilab scientists and engineers, selects the best candidates from the pool of applicants. The intern will join a Fermilab staff member in some scientific, engineering or computer work to carry out experiments, to improve the operation of the particle accelerator or to support and develop specialized research, appropriate to his/her interests and academic level.

For a student to be considered for this program, s/he must submit: the Intern Data Form (attached) including the essay, two or more faculty assessments, a recent academic transcript and a professional resume. Deadline for application to this year's program is March 1, 2002. Applicants who are accepted will be notified by the end of March.

The twelve-week program consists of a work assignment, an academic lecture series, and a final report that the intern presents orally to the Fermilab staff and submits to the Laboratory in writing. Reports from previous years are available on our web page. There are no grades or quizzes. The SIST Committee will follow the intern's progress to help ensure maximum benefit from the program. The 2002 program will run from May 20 through August 9, 2002. (Please contact us if the applicant has a severe conflict with these dates.)

The internship program is expected to be the primary source for candidates for the Fermi National Accelerator Laboratory Graduate Fellowships for Minority Students and for GEM Consortium fellowships. The Fermilab Graduate Fellowship is for physics students. It provides summer employment at Fermilab and assistance with living expenses the rest of the year. It is renewable with evidence of satisfactory academic performance. A Fermilab scientist will be assigned to each recipient as an advisor to aid his or her progress in graduate school. The Laboratory is also a member of the GEM Consortium, which provides full tuition assistance and a stipend through graduate school for science or engineering students.

More information can be found on our web page, <http://sist.fnal.gov>.

Fermilab SIST Program Details

STIPEND:

An intern in the SIST program receives a salary for the work done, based on a 40-hour workweek and the course hours that have completed by the summer of 2002.

<i>Course hours completed</i>		<i>Implied Class Level</i>	<i>Weekly Salary</i>
<i>By Semester</i>	<i>By Quarter</i>		
10-29	15-44	Freshman	\$540.00
30-59	45-89	Sophomore	\$572.00
60-89	90-124	Junior	\$605.00
90+	125+	Senior	\$637.00

Standard US taxes will be withheld from the pay, as is customary with all Fermilab employees.

Summer interns receive no paid sick leave, no vacation, have no medical insurance and must take Memorial Day and the Fourth of July as unpaid holidays. Any overtime or shift premium is arranged through the division where the intern is assigned. Interns will receive their first paycheck after about two weeks of work, so they must bring enough money to pay for their expenses during that period.

BENEFITS:

- Housing arranged by the Laboratory and partially subsidized by the program.
- Paid airfare and/or ground transportation to and from the Laboratory.
- Cars for use between local housing and the Laboratory.

EXPECTATIONS:

- To adhere to the job duties and to observe the required time and attendance standards, as defined by your supervisor.
- To attend program activities, including the final presentation.
- To attend the weekly physics and engineering lecture series.
- To prepare and present oral and written reports at the end of the session. (The reports will be published on the web and distributed to the interns' home institutions.)
- To conduct yourself in a responsible and professional manner.

These practices and guidelines have grown out of experience and may be modified.

IMPORTANT DATES:

Program Dates	May 20 through August 9, 2002
Travel Days	May 20 and August 9, 2002
Unpaid Holidays	May 27 and July 4, 2002

FOR MORE INFORMATION:

By telephone: Dianne Engram, EOO: 630-840-3415, fax: 630-840-5207

By E-mail: Elliott McCrory, SIST Committee: sist@fnal.gov

Ms Engram: engram@fnal.gov

On the Web: <http://sist.fnal.gov>